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2001 2000 composable models for simulation based design

Publications

Below you will find a list of publications related to the Composable Simulation Project, sorted by year. You can download, when available, the entire article. To do so, just follow the corresponding links.

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- R. Sinha, V.C. Liang, C.J.J. Paredis, and P.K. Khosla, "Modeling and Simulation Methods for Design of Engineering Systems," to appear in *Journal of Computing and Information Science in Engineering*, ASME, **2001**. ([PDF](#))
- C.J.J. Paredis, A. Diaz-Calderon, R. Sinha, and P.K. Khosla, "**Composable Models for Simulation-Based Design**", to appear in *Engineering with Computers*, **2001**. ([PDF](#))

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- A. Diaz-Calderon, C.J.J. Paredis, and P. K. Khosla. "Organization and Selection of Reconfigurable Models", *Winter Simulation Conference 2000*, Orlando, Florida, December 10-13, **2000**. ([PDF](#))
- R. Sinha, C.J.J. Paredis, P.K. Khosla, "Integration of Mechanical CAD and Behavioral

Modeling," in *Proceedings of the International Workshop on Behavioral Modeling and Simulation*, Orlando, Florida, November 18-21, **2000**. ([PDF](#))

- A. Diaz-Calderon, *A Composable Simulation Environment to Support the Design of Mechatronic Systems*, Ph.D. Thesis. Carnegie Mellon University, Department of Electrical and Computer Engineering, Pittsburgh, PA, 15213. **2000**. ([PDF](#))
- C.J.J. Paredis, A. Diaz-Calderon, R. Sinha, P.K. Khosla, "**Composable Models for Simulation-Based Design**," Technical Report, ICES 04-21-00, Institute for Complex Engineered Systems, Carnegie Mellon University, **2000**.([PDF](#))
- A. Diaz-Calderon, C.J.J. Paredis, P. K. Khosla. "Reconfigurable models: a modeling paradigm to support simulation-based design", *SCS Summer Computer Simulation Conference*, Vancouver, British Columbia, Canada, July **2000**. ([PDF](#))
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- Sinha, R., Gupta, S.K., Paredis, C.J.J., and Khosla, P. K., "Extracting Articulation Models from CAD Models of Parts with Curved Surfaces", *ICES Technical Report 04-08-99*, Institute for Complex Engineered Systems, Carnegie Mellon University, Pittsburgh, PA, 1999. ([PDF](#))

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Last modified: February 26, 2001